

APPENDIX C:

**PROPOSED LAND USE PLAN AMENDMENTS UNDER THE
WIND ENERGY DEVELOPMENT PROGRAMMATIC
ENVIRONMENTAL IMPACT STATEMENT**

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Analyses conducted in this programmatic environmental impact statement (PEIS) support the amendment of specific land use plans where potentially developable wind resources are located. As discussed in Section 2.4, plans within the 11-state study area were reviewed to identify which ones should be amended under this PEIS. These plans are identified in Table 2.2.4-1. Proposed amendments include (1) adoption of the proposed programmatic policies and best management practices and (2) identification of specific areas where wind energy development would not be allowed. By virtue of the proposed policy, wind energy development would be excluded on all National Landscape Conservation System (NLCS) lands and Areas of Critical Environmental Concern (ACECs). Although the Notice of Intent for this PEIS (Volume 68, page 201, of the *Federal Register*, October 17, 2003) indicated that the land use plan amendments would also identify some lands as suitable for competitive right-of-way (ROW) bidding processes, they were not identified for any of the plans included in Table 2.2.4-1. Interest in competitive ROW bidding processes currently is limited to two areas in California — the Palm Springs-South Coast Field Office and Ridgecrest Field Office — and would be addressed in local planning efforts.

Some plans within the 11-state study area were excluded from amendment under this PEIS for a variety of reasons, including (1) if developable wind resources (i.e., Class 3 or higher) are not present in the planning area, (2) if the plan was previously amended or revised to adequately address wind energy development, (3) if the plan currently is being amended or revised in a separate National Environmental Policy Act of 1969 (NEPA) review and that amendment or revision will address wind energy development, or (4) if some other reason(s) exist(s) to exclude the plan from amendment under this PEIS (e.g., a plan revision is scheduled in the foreseeable future).

None of the land use plans in Arizona or California are proposed for amendment under the PEIS. Ongoing and upcoming land use plan amendments being conducted outside the scope of this PEIS will address wind energy development in these states for areas where developable wind resources are present. Table C-1 provides information describing the proposed amendment change for each land use plan that is to be amended. The rationale for the proposed change also is provided.

TABLE C-1 Proposed Changes and Rationales for Land Use Plan Amendments^a

Plan/Field Office	Proposed Change	Rationale
<i>Colorado</i>		
Royal Gorge RMP, Royal Gorge Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The current RMP does not address wind energy development, and the Field Office has received two recent inquiries about wind energy development. The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
San Luis RMP, includes La Jara, Saguache, and Del Norte Field Offices and the San Luis Valley Public Lands Center	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The current RMP does not address wind energy development, and the Field Office has received two recent inquiries about wind energy development. The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in the planning area.
<i>Idaho</i>		
Cascade RMP, Four Rivers Field Office	Wind energy development would be restricted from wildlife habitat where adverse effects could not be mitigated.	Restricted areas are not appropriate for wind energy development because of resource management conflicts.
	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The proposed BMPs may be appropriate for wind energy development in this planning area.
Challis RMP, Challis Field Office	Wind energy development would be restricted from wildlife habitat where adverse effects could not be mitigated.	Restricted areas are not appropriate for wind energy development because of resource management conflicts.
	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The proposed BMPs may be appropriate for wind energy development in this planning area.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
Jarbidge RMP, Jarbidge Field Office	Wind energy development would be restricted from wildlife habitat where adverse effects could not be mitigated.	Restricted areas are not appropriate for wind energy development because of resource management conflicts.
	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The proposed BMPs may be appropriate for wind energy development in this planning area.
Kuna MFP, Four Rivers Field Office	Wind energy development would be restricted from wildlife habitat where adverse effects could not be mitigated.	Restricted areas are not appropriate for wind energy development because of resource management conflicts.
	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The proposed BMPs may be appropriate for wind energy development in this planning area.
Lemhi RMP, Salmon Field Office	Wind energy development would be restricted from wildlife habitat where adverse effects could not be mitigated.	Restricted areas are not appropriate for wind energy development because of resource management conflicts.
	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The proposed BMPs may be appropriate for wind energy development in this planning area.
Owyhee RMP, Owyhee Field Office	Wind energy development would be restricted from wildlife habitat where adverse effects could not be mitigated.	Restricted areas are not appropriate for wind energy development because of resource management conflicts.
	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The proposed BMPs may be appropriate for wind energy development in this planning area.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
Twin Falls MFP, Burley Field Office	Wind energy development would be restricted from wildlife habitat where adverse effects could not be mitigated.	Restricted areas are not appropriate for wind energy development because of resource management conflicts.
	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
<i>Montana</i> Billings RMP, Billings Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted with restrictions as indicated in the PEIS.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area. The Billings RMP is scheduled for revision in 2007; however, Billings also has an active wind testing and monitoring permit (MTM92391) with an effective date of September 28, 2003. If this potential project goes to full field development, it is doubtful that the RMP revision would be completed in time to address wind energy development on public lands. The current RMP does not address wind energy development.
Garnet RMP, Missoula Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
	RMP MA 9 would be identified as an exclusion area where wind energy and its associated development would be prohibited.	Wind energy development would be inconsistent with the BLM's management decisions and objectives.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
Garnet RMP, Missoula Field Office (Cont.)	RMP MAs 1, 4, 10, and 11 would be identified as avoidance areas where wind energy and its associated development would be discouraged.	These areas contain important riparian areas; threatened and endangered species habitat; big game winter range; and/or recreation, and historic and cultural sites where wind energy development would be inconsistent with the BLM's management decisions and objectives.
Headwaters RMP, Butte Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Judith-Valley-Phillips RMP, Lewistown Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Judith-Valley-Phillips RMP, Malta Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
	Wind energy development would be excluded from large reservoirs/waterfowl complexes.	Development would be restricted within 2 mi (3 km) of these sites because of the potential for bird/tower strikes.
	Wind energy development would be excluded from Montana Air National Guard Training sites.	This area is in S. Phillips County and within the Hays MOA. Wind energy development would conflict with training missions.
	Wind energy development would be excluded from developed recreation sites.	Development within viewsheds will be restricted about 1 mi (2 km) unless topography can screen the project.
	Wind energy development would be excluded from backcountry byways.	Development should not be seen within the viewshed of the byway.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
West Hi Line RMP, Lewiston Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
<i>New Mexico</i>		
Carlsbad RMP, Carlsbad Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program may be appropriate in some areas for wind energy development activities in this planning area.
	Wind energy development would be restricted in those areas along the face of the Guadalupe Mountains located in the western portion of the planning area and grassland areas in the northwestern portion of the planning area.	This area provides critical habitat for Kuenzlers cactus and Aplamado falcon. Wind energy development in this area would be inconsistent with the BLM's management decisions and objectives for the critical habitat.
	Wind energy development would be restricted in those areas within the viewshed of Carlsbad Caverns National Park.	Carlsbad Caverns National Park receives heavy tourist traffic throughout the year. Because of the significance of the park, wind energy development in the viewshed for the park would be inconsistent with the BLM's management decisions and objectives as well as those of the National Park Service.
	Wind energy development would be restricted in those areas that are within known cave/karst areas within the planning area.	Much of the known cave/karst areas have been designated as "high wind resource levels"; however, wind energy development in this area would have to be restricted because of the numerous cave/karst features in the area.
	Wind energy development would be restricted in those areas that are within the Guadalupe National Backcountry Byway and the Guadalupe Escarpment Scenic Area.	Any wind development in these areas would have a negative impact on the VRM ratings for these areas, which would be inconsistent with current BLM management decisions and objectives.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
Carlsbad RMP, Carlsbad Field Office (Cont.)	Wind energy development would be restricted in designated Special Management Areas.	Wind development in these areas would be inconsistent with BLM management decisions and objectives.
Mimbres RMP, Las Cruces Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Roswell RMP, Roswell Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
White Sands RMP, Las Cruces Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
<i>Nevada</i>		
Elko RMP, Elko Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Las Vegas RMP, Las Vegas Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Paradise-Denio MFP, Winnemucca Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
Shoshone-Eureka RMP, Battle Mountain Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Sonoma-Gerlach MFP, Winnemucca Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Tonopah RMP, Battle Mountain Field Office, Tonopah Field Station	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Wells RMP, Elko Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
<i>Oregon</i> Andrews/Steens RMP, Andrews/Steens Field Office	Wind energy development would be restricted from ROW, realty use, and renewable energy avoidance and exclusion zones as identified in the RMP and the portion of the Steens Mountain CMPA in the planning area.	Wind energy development would be incompatible with the purposes and objectives of the special designations (ACECs, WSAs, RNAs, and ONAs) that were identified as avoidance and exclusion areas in the RMP. Although the RMP does not designate the portion of the Steens Mountain CMPA in the planning area as an avoidance/exclusion zone, the restrictions on facility development contained in the language of the Steens Mountain CMPA exclude wind energy development in this area.
Brothers/LaPine RMP, Deschutes and Central Oregon Field Offices	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
Coos Bay RMP, Coos Bay Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Eugene RMP, Eugene Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
John Day RMP, Central Oregon Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Medford RMP, Medford Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Salem RMP, Salem Field Office	BMPs and automatic avoidance/exclusion zones included in the proposed Wind Energy Development Program would be adopted.	The BMPs and automatic avoidance/exclusions zones included in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Southeast Oregon RMP, Malheur and Jordan Resource Areas	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Three Rivers RMP, Three Rivers Field Office	It would be clarified that wind energy development is allowable on a case-by-case basis in areas outside ROW and land use authorization avoidance and exclusion zones.	The RMP does not contain any explicit discussion on wind energy development, although the plan designates avoidance and exclusion areas for ROW and land use authorizations.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
Three Rivers RMP, Three Rivers Field Office (Cont.)	Wind energy development would be restricted from ROW and land use authorization avoidance and exclusion zones identified in the RMP and the portion of the Steens Mountain CMPA in the planning area.	Wind energy development would be incompatible with the purposes and objectives of the special designations (ACECs, WSAs, RNA, and ONAs) that were identified as avoidance and exclusion areas in the RMP. Although the RMP does not designate the portion of the Steens Mountain CMPA in the planning area as an avoidance/exclusion zone, the restrictions on facility development contained in the language of the Steens Mountain CMPA exclude wind energy development in this area.
	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Two Rivers RMP, Deschutes and Central Oregon Field Offices	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Upper Deschutes RMP, Deschutes Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
<i>Utah</i> Cedar-Beaver-Garfield-Antimony RMP, Cedar City Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
Escalante MFP, Kanab Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Paria MFP, Kanab Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Pinyon MFP, Cedar City Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Randolph MFP, Salt Lake Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
St. George RMP, St. George Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Vermillion MFP, Kanab Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Zion MFP, Kanab Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
<i>Washington</i> Spokane RMP, Wenatchee and Border Field Offices	BMPs and automatic avoidance/exclusion zones included in the proposed Wind Energy Development Program would be adopted.	The BMPs and automatic avoidance/exclusion zones included in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
<i>Wyoming</i> Buffalo RMP, Buffalo Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Cody RMP, Cody Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Grass Creek RMP, Worland Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Green River RMP, Rock Springs Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Lander RMP, Lander Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.

TABLE C-1 (Cont.)

Plan/Field Office	Proposed Change	Rationale
Newcastle RMP, Newcastle Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.
Washakie RMP, Worland Field Office	Programmatic policies and BMPs in the proposed Wind Energy Development Program would be adopted.	The programmatic policies and BMPs in the proposed Wind Energy Development Program are appropriate for wind energy development activities in this planning area.

^a Abbreviations: ACEC = Area of Critical Environmental Concern; BMP = best management practice; CMPA = (Steens Mountain) Cooperative Management and Protection Area; MA = management area; MOA = Memorandum of Agreement; ONA = Outstanding National Area; RMP = Resource Management Plan; RNA = Research Natural Area; VRM = Visual Resource Management; WSA = Wilderness Study Area.

